

AMENDMENTS TO THE CLAIMS

Please **AMEND** claims 1- 8, as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A color filter substrate for a liquid crystal display, comprising:
a transparent substrate;
a plurality of color filter filters formed on the transparent substrate, each color having
with a groove formed therein;
a first transparent conductive layer covering the color filter; and
a black matrix formed on the first transparent conductive layer within the groove ~~of the~~
~~color filter~~.
2. (Currently Amended) The color filter substrate of claim 1, further comprising an
organic film formed on the black matrix ~~while~~ and filling the groove ~~of each color filter~~.
3. (Currently Amended) The color filter substrate of claim 2, wherein the black
matrix has a double-layered structure comprising ~~of a chrome layer~~ and a chrome oxide ~~layer~~.
4. (Currently Amended) The color filter substrate of claim 1, further comprising a
photosensitive film formed on the black matrix ~~while~~ and filling the groove ~~of each color filter~~.

5. (Currently Amended) The color filter substrate of claim 4, wherein the black matrix has a double-layered structure comprising ~~of a chrome layer and a chrome oxide layer~~.

6. (Currently Amended) The color filter substrate of claim 1, wherein the black matrix is formed of an organic material ~~such that the black matrix fills~~ and filling the groove of ~~the color filter~~.

7. (Currently Amended) The color filter substrate of claim 6, further comprising a second transparent conductive layer covering the ~~photosensitive film~~ black matrix.

8. (Currently Amended) The color filter substrate of claim 1, wherein the black matrix comprises a first portion formed ~~at the area~~ between the neighboring color filters, and a second portion formed ~~at the area~~ within each color filter ~~and partitioning~~ to divide the color filter into a plurality of domains.

9. (Withdrawn) A color filter substrate for a liquid crystal display, comprising:
a transparent substrate;
a color filter formed on the transparent substrate with a groove;
a black matrix formed within the groove of the color filter; and
a transparent conductive layer formed on the black matrix.

10. (Withdrawn) The color filter substrate of claim 9, further comprising an organic film formed on the black matrix such that the organic film is covered by the transparent conductive layer while filling the groove of each color filter.

11. (Withdrawn) A method of fabricating a color filter substrate for a liquid crystal display, comprising the steps of:

forming color filters on a transparent substrate such that each color filter has a groove;

forming a first transparent conductive layer on the color filters;

depositing a black matrix layer onto the first transparent conductive layer;

forming a gap filler on the black matrix layer to fill the groove of each color filter; and

removing the exposed portion of the black matrix layer through etching.

12. (Withdrawn) The method of claim 11, wherein the gap filler is formed through coating an organic film onto the black matrix layer, and ashing the organic film.

13. (Withdrawn) The method of claim 11, wherein the gap filler is formed through coating a photosensitive film onto the black matrix layer, exposing the photosensitive film to light, and developing the light-exposed film.

14. (Withdrawn) The method of claim 11, wherein the black matrix layer is formed through sequentially depositing a chrome layer and a chrome oxide layer onto the first transparent conductive layer.

15. (Withdrawn) The method of claim 11, further comprising the step of forming a second transparent conductive layer to cover the gap filler.

16. (Withdrawn) A method of fabricating a color filter substrate for a liquid crystal display, comprising the steps of:

forming color filters on a transparent substrate such that each color filter has a groove;

forming a first transparent conductive layer on the color filters; and

forming a black matrix on the first transparent conductive layer to fill the groove of each color filter.

17. (Withdrawn) The method of claim 16, further comprising the step of forming a second transparent conductive layer on the black matrix.

18. (Withdrawn) A method of fabricating a color filter substrate for a liquid crystal display, comprising the steps of:

forming color filters on a transparent substrate such that each color filter has a groove;

depositing a black matrix layer onto the color filters;

forming a gap filler on the black matrix layer to fill the groove of each color filter;

removing the exposed portion of the black matrix layer through etching; and

forming a transparent conductive layer on the gap filler.


CONCLUSION

Applicant believes that a full and complete response has been made to the Notice and respectfully since the listing of claims includes the text of all claims including withdrawn claims. Accordingly, Applicant respectfully submits that the "AMENDMENTS TO THE CLAIMS" section is compliant to 37 CFR §1.121.

Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact the Applicant's undersigned representative at the number below to expedite prosecution.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully submitted,


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